INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

Th	is material	contains	inform	ation	affecting th	e Nat	tional D	efens	e of th	ie U	nited	States	within	the	meaning	of the	Espionage	Laws,	Title
18.	U.S.C. Sec	cs. 793 ar	d 794.	the	transmission	or r	evelatio	n of	which	in	anv	manner	to an	una	uthorized	person	is prohibi	ted by	law.

	S-E-C-R-E	- []			50X1-HUM
COUNTRY	USSR/East Germany	REPORT			
SUBJECT	Development and Production of Torpedoe Mines, Depth Charges, and Gas Turbines		TR.	6 Marc	ch 1959
	(Fragmenting deformation)	NO. PAG	ES	. 1	
	,	REFERENC	ES	RD	50X1-HUM
DATE OF INFO. PLACE & DATE ACQ					50X1-HUM
DAIL ACG	SOURCE_EVALUATIONS_ARE_DEFINITIVEAPP	RAISAL OF CO	ONTENT	IS TENTATIVE	E
	A three-page document containing on the development and production of t	ornedoes i			formation
	gas turbines in the USSR and East Germ		mines,	acpen ene	arges, and
				Plant	- 182
	in Makhachkala (N 42-58, E 47-27) torpedoes at a rate of not more than f	format are		duced 45-c	centimeter
	working group at Plant				
	in Leningrad.				50X1-HUM
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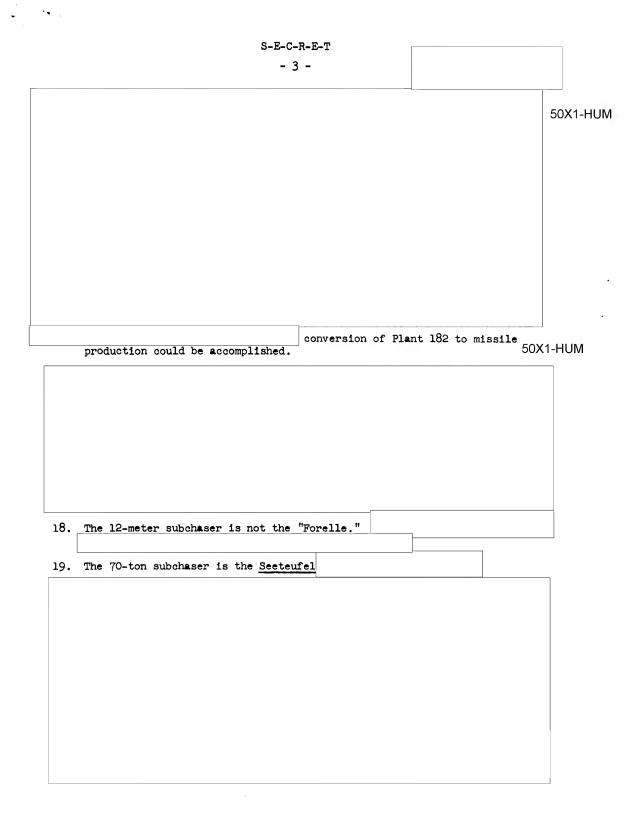
(Note: Washington distribution indicated by "X"; Field distribution by "#".)

50X1-HUM



50X1-HUM S-E-C-R-E-T - 2 the only torpedoes under production at Plant 182 were 45-cm torpedoes; these to be of the three-cylinder radial-engine type puzzled at the Soviet reasoning in continuing work on the 45-cm torpedo, with its attendent wake, when there was so much else to which they could have devoted their time and excellent resources. 50X1-HUM a great deal of research and development work is being conducted in the USSR there was a torpedo factory with firing range somewhere in the Crimea the plant was destroyed during World War II. No research and development work on mines, torpedoes, or depth charges is being carried on in East Germany. The weapons of this type which East Germany possesses have been given to it by the USSR, which 50X1-HUM turns over to Bloc countries only older weapons. East Germany is, however, modifying the Soviet 45-cm, two-cylinder horizontal-engine torpedo. By 8 October 1958, the East German developers had increased its speed to 50 knots for a range of four kilometers. This was not, however, a standard operational characteristic of the torpedo at that time. East Germany will remain dependent on the USSR for 50X1-HUM its underwater and ASW weapons. 3. Ahead-Thrown Weapons (rocket-assisted torpedoes or depth charges) 50X1-HUM 50X1-HUM working group at Plant 182 was subordinate to NII-400 in Leningrad. 5. 50X1-HUM 6. a production of five torpedoes per day at Plant 182 this is a guess the number could possibly have been lower but not higher. 50X1-HUM Depth charges were produced there

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